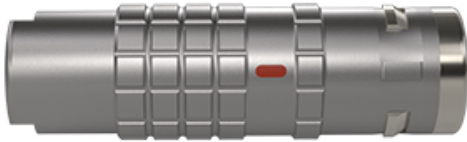


Standard



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[BKT series](#)

Number of contacts Low Voltage	8
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.10 - 5.50 mm
Size	2K
Suggested matching part	<a href="#">EGG.2K.308.CLL</a> <a href="#">PHG.2K.308.CLLC55</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-2k-308-clac55.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-2k-308-clac55.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	2K.308 - 8 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Vtest (contact-contact)	2.1 kV (DC)
Vtest (contact-shell)	1.8 kV (DC)
Max. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-2k-308-clac55.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-2k-308-clac55.html)

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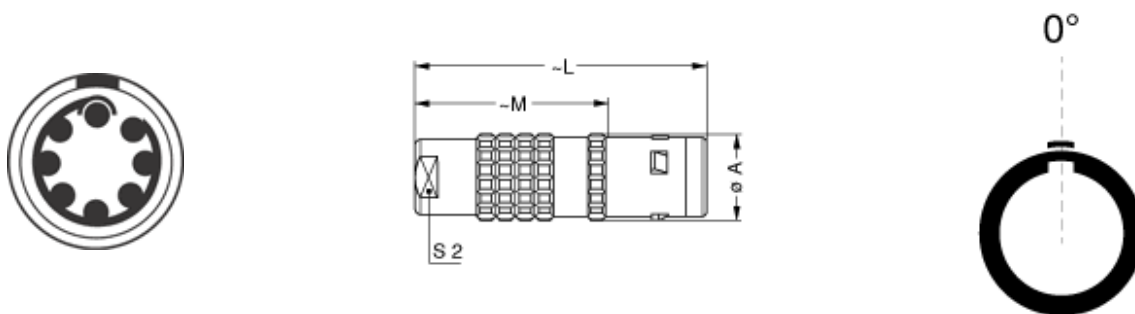
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.10 - 5.50 mm

## Drawings



## Dimensions

	A	L	M	S2
mm.	16	52	36	12
in.	0.63	2.05	1.42	0.47

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-2k-308-clac55.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-2k-308-clac55.html)




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# Recommended By Lemo

## Accessories

Compatible cap [BFG.2K.100.NAS](#)

# Cables

Cable PartNumber	Material	Colour	Cable image
108240	PTFE	White	
108260	PTFE	White	
8280	PVC	Black	

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-2k-308-clac55.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-2k-308-clac55.html)

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